



24-AT-6005  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Challberg et al.

Serial No.: 09/597,113

Filed: June 20, 2000

For: CORE CONFIGURATION FOR A  
NUCLEAR REACTOR

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: Art Unit: 3641  
:  
: Examiner: J. Keith  
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9/A  
3/7/02  
H/ue

AMENDMENT

Commissioner for Patents  
Washington, D.C. 20231

In response to the Office Action dated November 30, 2001, please amend the above-identified patent application as follows.

IN THE CLAIMS

Please cancel Claims 3, 7, and 11.

Sub B1  
A1  
1. (amended) A core for a nuclear reactor comprising:  
a plurality of fuel bundles; and  
a plurality of large control rods, each said control rod comprising four control rod blades extending radially from a central portion and arranged at right angles to each other, said blades defining four fuel bundle receiving channels, said control rods arranged in a plurality of staggered rows with only four fuel bundles in each said receiving channel.

A2  
~~6. (amended) A core for a nuclear reactor comprising a plurality of fuel cells, each said fuel cell comprising;~~